App Supporting Docs

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January 29, 2009

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Dan Morrison
408 E. Scribner Road
Port Angeles, WA 98362

Tom Loranger
Water Resources Program Section Supervisor
Southwest Region Office
Department of Ecology

RE: Request for Expedited Processing of an Application for Change, Project Explanation, Supplemental Information for the Application and Request for Temporary authorization,

Dear Mr. Loranger:

This letter is submitted as part of the enclosed application to add a purpose of use and to change the existing points of diversion of surface water to points of withdrawal of associated ground water for Surface Water Right Certificate No. 6785.

This project has significant environmental benefit to Dry Creek, located at the west side of Port Angeles. Dry Creek is discussed within the Elwa-Dungeness River Watershed Plan issued during May 2005. According to Section 3.10.1, water quality and habitat are considered to be limiting factors. Coho seasonally exist in low numbers within this stream (fig. 2.1-7).

Expedited Processing:

Expedited processing in accordance with WAC 173-152-050(3)(a) is requested for this application. Significant environmental benefit to Dry Creek will result through this application.

1. Trust water right: This application will result in less water being diverted for out-of-stream purposes and will present an opportunity to enter a portion of the water right into the trust water right program under Chapter 90.42 RCW.

2. Direct impact upon Dry Creek will be reduced: The application proposes changing the existing multiple points of diversion to up to seven wells. Although seven wells currently exist, the water withdrawal(s) that are used upon approval of this application will be those located at sites within the property that maximize benefit to the stream while remaining within the same body of water while not exceeding the historic limitations of the existing right.

3. Non-consumptive water will be returned to Dry Creek: The application proposes adding a purpose of use. The annual consumptive quantity (ACQ) requirement of RCW 90.03.380 for the addition of uses will result in non-consumptive water associated with a portion of the irrigation purpose to remain within Dry Creek.

4. Maximization of water use: Water used for the sprint boat track will be used for the irrigation purpose when the track is drained. As a result, there will be little water used consumptively for the recreational purpose.

5. Reduction in irrigated acreage: The sprint boat track and a raised area for spectators will be developed within the historically irrigated area. Water demand for the irrigation purpose will be significantly reduced, resulting in additional water remaining with Dry Creek.

6. Project mitigation flexibility: Since the applicants own the water right used for the irrigation purpose, there is flexibility to plan the project to maximize the benefit to Dry Creek.

Project Explanation:

This project proposes the development of a sprint boat race track. The racetrack will consist of narrow and shallow intersecting water channels in which small powerful boats will run a course of approximately one-mile or less. The channels will be sealed to minimize water lost through seepage and may be drained after use and applied as part of the irrigation purpose.

The place of use is completely contained within the City of Port Angeles.

Spectators will be invited to watch races and the recreational purpose will include small water quantities for dust control, sanitation and other minimal uses as required under other permits to be issued by the City of Port Angeles.

Supplemental Information for the Application:

The following comments are made regarding the enclosed application for change.

Part 3. Points of Diversion/Withdrawal:

A. **Existing:** The existing diversion is made through portable pumps, in accordance with the water right. There are several points at which water is diverted. The point used at any time depends upon availability of the site and the land to be irrigated. The points indicated upon the map submitted as part of the application are illustrative but may not illustrate every historic point of diversion.

B. **Proposed:** The seven existing wells are close to the boundary line between the NW1/4NE1/4 and the NE1/4NW1/4 of Section 12, T. 30 N., R. 7 W.W.M. One or more of these wells may be used if this application is approved but these wells may be

abandoned in favor of one or more wells to be constructed. Therefore, the application proposes that the new points of withdrawal be located within the NW1/4NE1/4 and the NE1/4NW1/4 of Section 12.

Part 4. Purpose of Use:

A. Existing: Water is diverted through a portable pump. There are no water measurements or electric meter data to demonstrate historically used water quantities. The applicant is working to develop information concerning cropping patterns and irrigation use. Information, in addition to the information submitted with the application, will be submitted during the investigation of the proposal.

B. Proposed: The sprint boat track is estimated to require 5 acre-feet of water per year. The applicant recognizes that there will be a portion of the water right dedicated to Dry Creek stream flows and that the water quantity used for out-of-stream uses upon approval will be less than that which was historically used. The water quantity available for the irrigation purpose cannot be determined until after analysis of ACQ by Ecology.

Part 5. Place of Use:

The certificate of Water Right describes the right as including the NW1/4NE1/4 of Section 12. Water is actually used only west of South Critchfield Road within the NW1/4NE1/4.

Request for Temporary Authorization:

This project primarily requires only land contouring and does not include the development of new facilities or permanent structures. The applicant requests that a temporary authorization be approved for the 2009 season if expedited processing cannot be accomplished.

Sincerely,

Dan Morrison

Dan Morrison
A2Z Enterprises LLC

Enclosures:

Application
Maps
Supporting documentation

3.10 PORT ANGELES INDEPENDENT DRAINAGES RECOMMENDATIONS

Section 3.4 contains recommendations for instream flows, and Section 3.3 contains other recommendations for rehabilitation of small urban streams, habitat restoration, salmon recovery, and related environments (e.g., riparian corridors, wetlands, estuaries) that are intended to be considered for all WRIA 18 streams and rivers. Sections 3.1 and 3.2 contain water quantity and water quality recommendations that also apply to all WRIA 18 subbasins.

3.10.1 Dry Creek (WRIA# 18-0265)

Issue: Dry Creek is a relatively small independent drainage to salt water, entering the Strait half way between Angeles Point and the west end of Port Angeles harbor. It has been severely degraded due to logging of the upper watershed and rerouting of a significant portion of the channel between RM 0.8 and RM 1.5. The Limiting Factors Analysis (LFA) (Haring, 1999) has identified water quality and/or habitat recommendations to address on this stream.

Existing Conditions and Current Actions

The combination of logging and channel rerouting, along with agricultural activities in the middle reaches, has severely compromised conditions throughout the watershed. The stream experiences heavy sedimentation, continual headcutting in the area of the channel reroute, depleted LWD, and a lack of intact riparian habitat. It is on the 303(d) list for excessive temperature conditions. The loss of vegetation throughout the watershed, along with the increased stormwater inputs associated with the airport, has significantly altered the flow regime of the stream.

There are no active restoration/improvement actions or programs being undertaken in the Dry Creek watershed.

Desired Conditions and Outcomes

- Fish habitat restoration addressed by appropriate agencies and local jurisdictions.
- Dry Creek achieves properly functioning water quality and habitat conditions adequate to support healthy populations of all naturally-occurring anadromous stocks.

Recommendations

A. Water Quality

No new stream-specific recommendations developed.

B. Habitat

1. To the extent feasible, remediate stormwater impacts to the channel; ensure that stormwater impacts resulting from future construction in the watershed are fully addressed at the time of construction.

2. To the extent feasible, prevent further headcutting in relocated reaches of Dry Creek.
3. Develop and implement a short-term LWD strategy to provide LWD presence and habitat diversity until full riparian function is restored.
4. To the extent feasible, restore functional riparian zones throughout the watershed.

3.10.2 Tumwater Creek (WRIA# 18-0256)

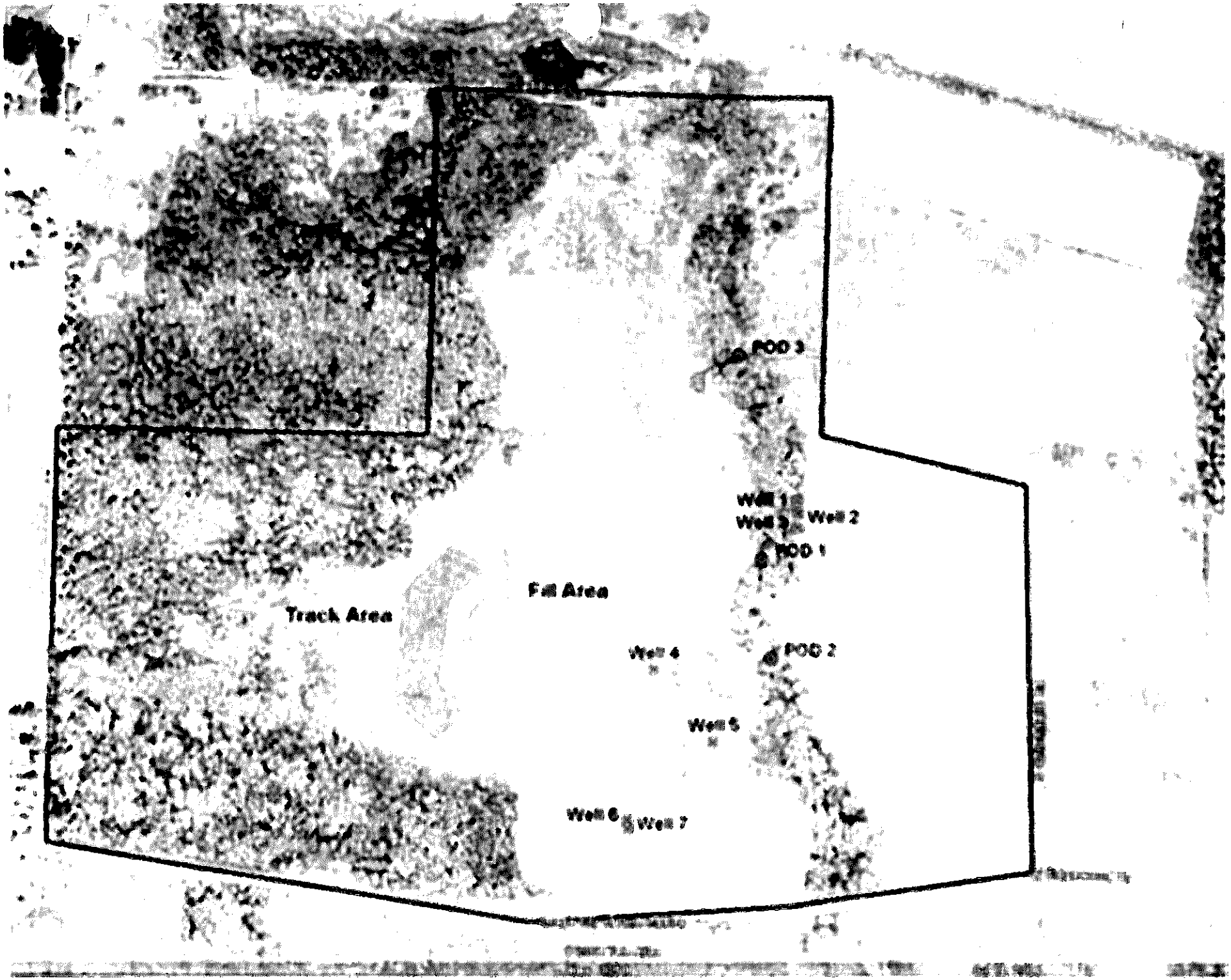
Issue: Tumwater Creek is a relatively small independent drainage to salt water, entering salt water near the western end of Port Angeles harbor. It has been heavily impacted by development throughout the watershed. The Limiting Factors Analysis (LFA) (Haring, 1999) has identified water quality and/or habitat recommendations to address on this stream.

Existing Conditions and Current Actions

Urban and rural developments have had substantial impact in Tumwater Creek. The lower one-quarter mile is culverted under waterfront industrial and city street properties, and the following half-mile is confined and channelized between a high valley wall and the Tumwater Truck Route. The upper watershed has experienced extensive rural conversion, with associated animal and stormwater effects.

As noted by Haring (1999), of particular concern is the very large, active slide area, initially caused by altered stormwater drainage. Fine sediment generated from this massive stormwater-related gully headcutting to the west of Black Diamond Road (just north of Alice Road) is a continuing source of excessive sediment input into Tumwater Creek. At this location, stormwater from Black Diamond, Alice, and Hoar roads has been routed into a small draw that historically had a very small drainage area. In addition, these road cuts have intercepted very large volumes of groundwater that can be seen percolating into ditch lines. With these additional flows, the gully walls have collapsed due to increased undercutting by the consolidated stormwater runoff. Steady headcutting continues towards Black Diamond Road, delivering large amounts of sediment to Tumwater Creek. The road itself will likely be consumed by the failure at some point in the future. Fine sediment from this slope failure adversely impacts substrate downstream all the way to the mouth. Efforts to date to negotiate a solution to this problem have been unsuccessful. As a result, the failure continues to discharge large amounts of sediment to Tumwater Creek.

There are no active restoration/improvement actions or programs being undertaken in the Tumwater Creek watershed. However, the neighborhood located on Black Diamond Road, between Tumwater and Valley creeks, is in the process of determining its needs for roads, trails, and parks. The outcome of this assessment may motivate local citizen action on restoration projects.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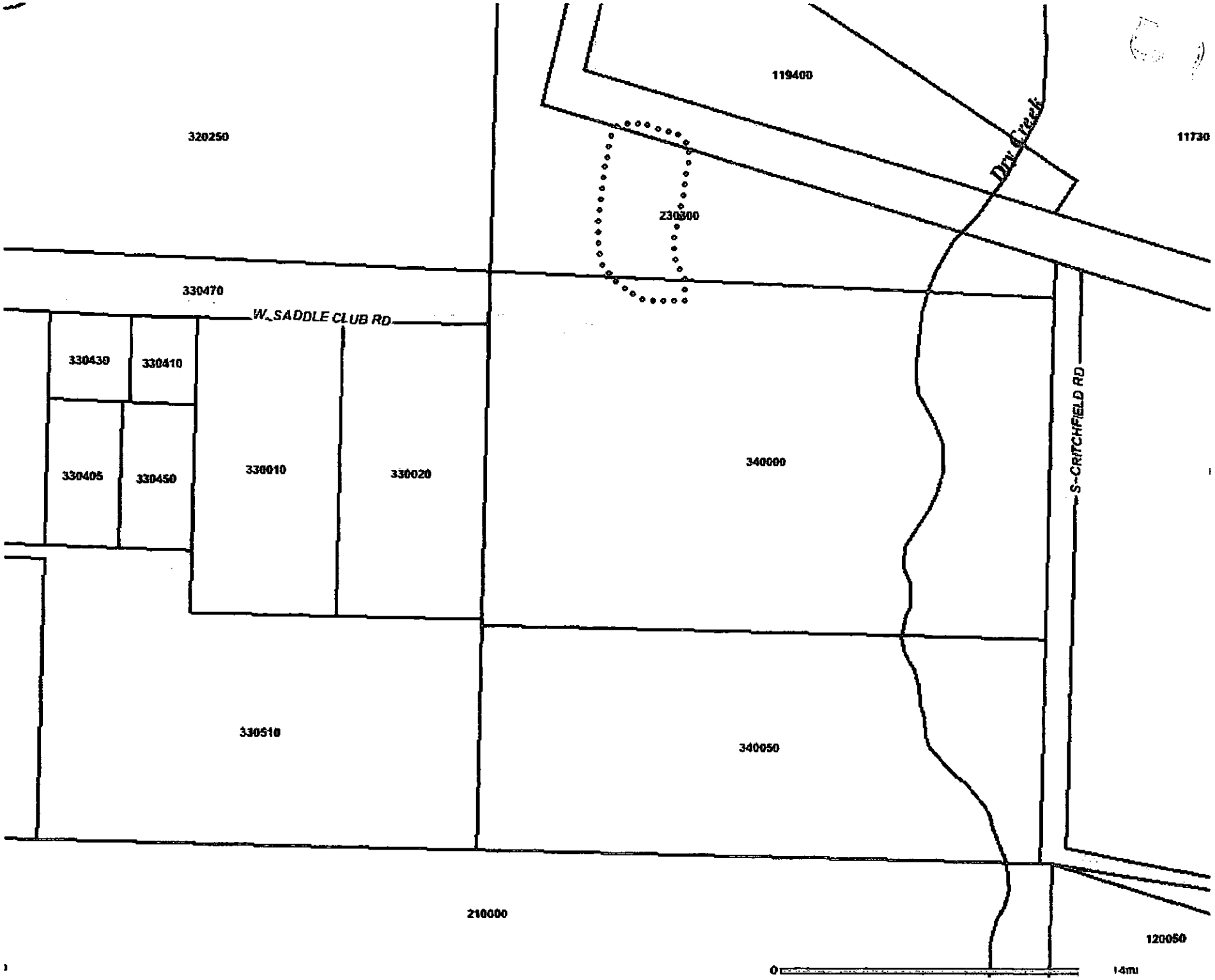
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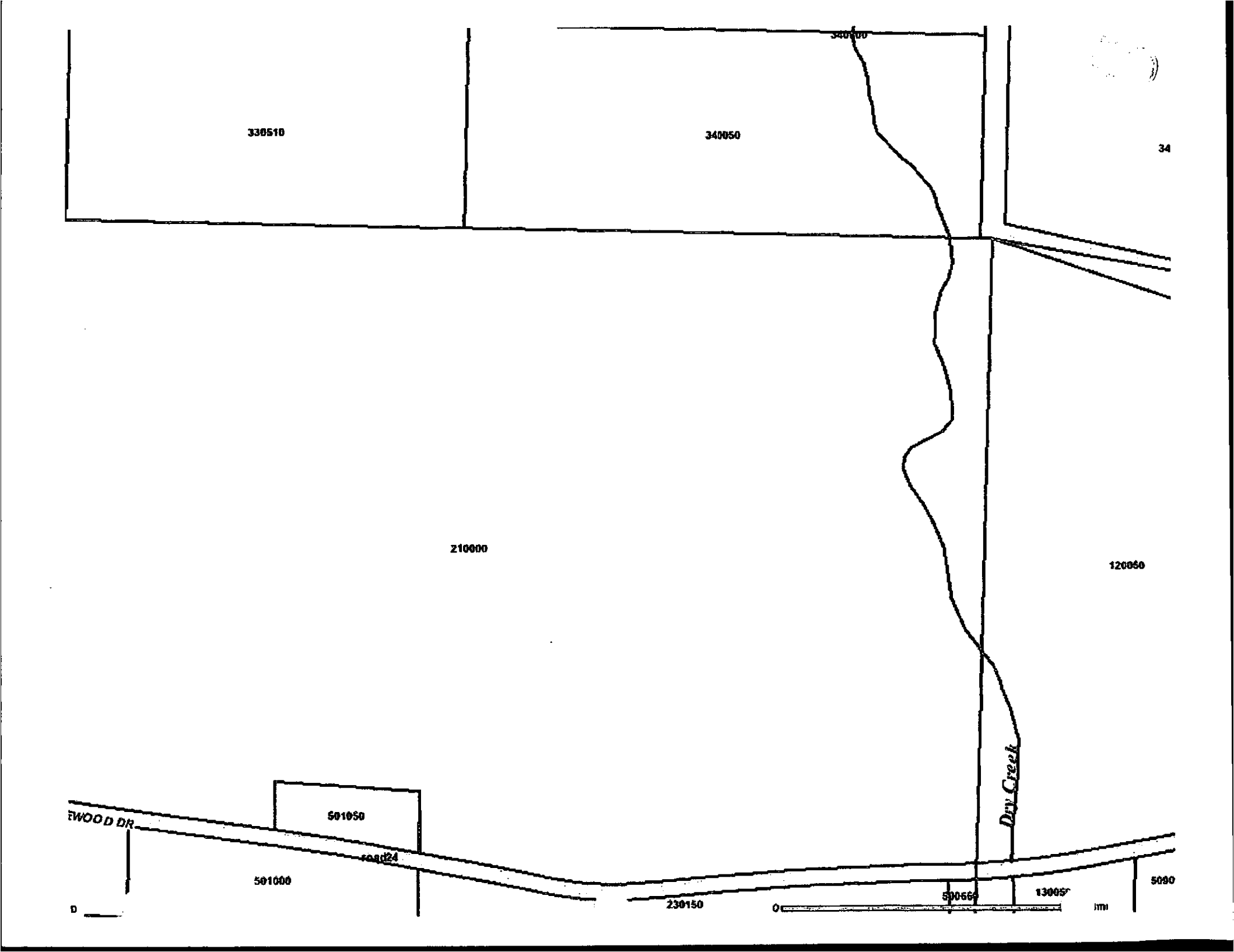
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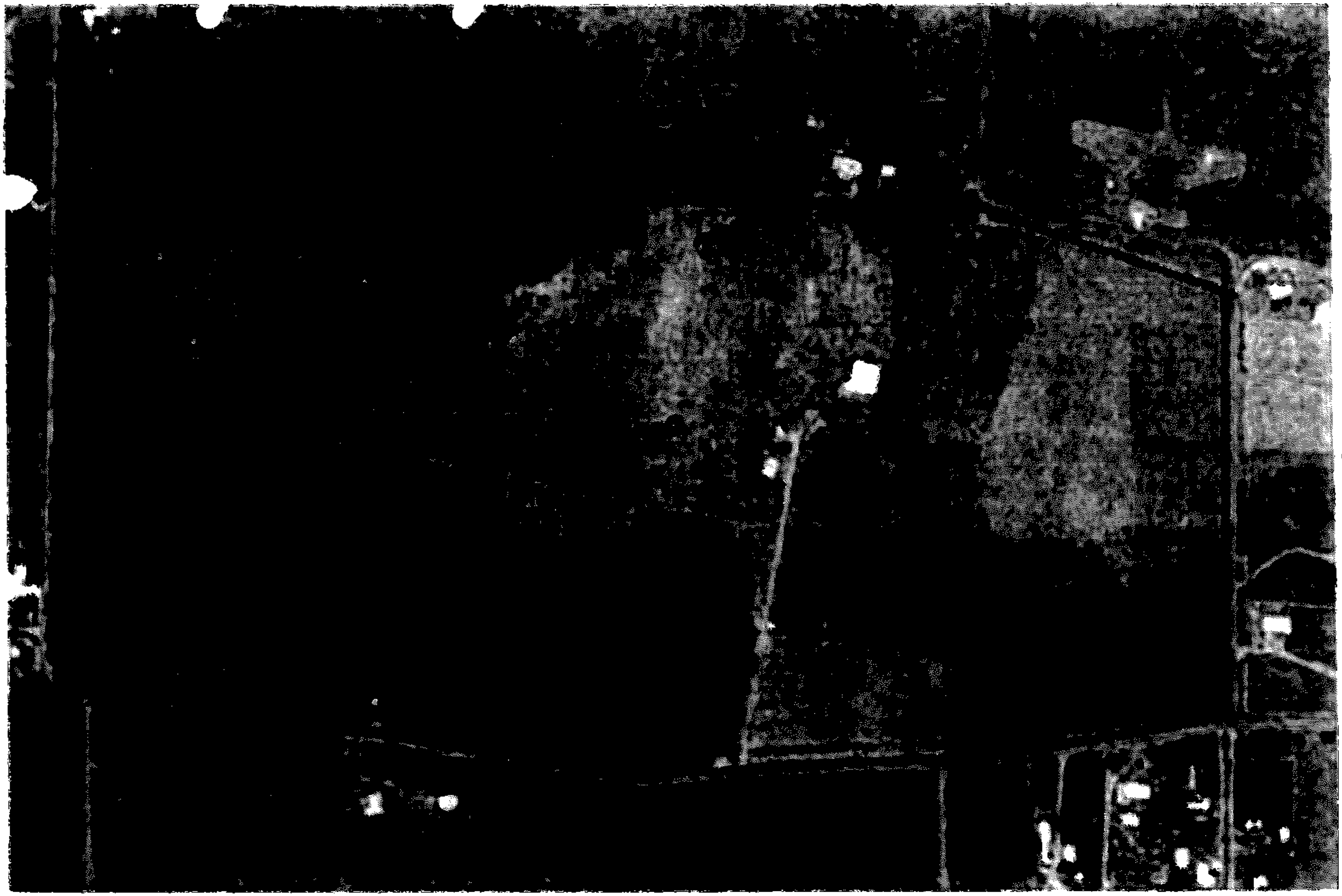

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Any other use of this map/drawing shall not be the responsibility of the City

Vertical Datum - NAVD88
Horizontal Datum - NAD 83 91

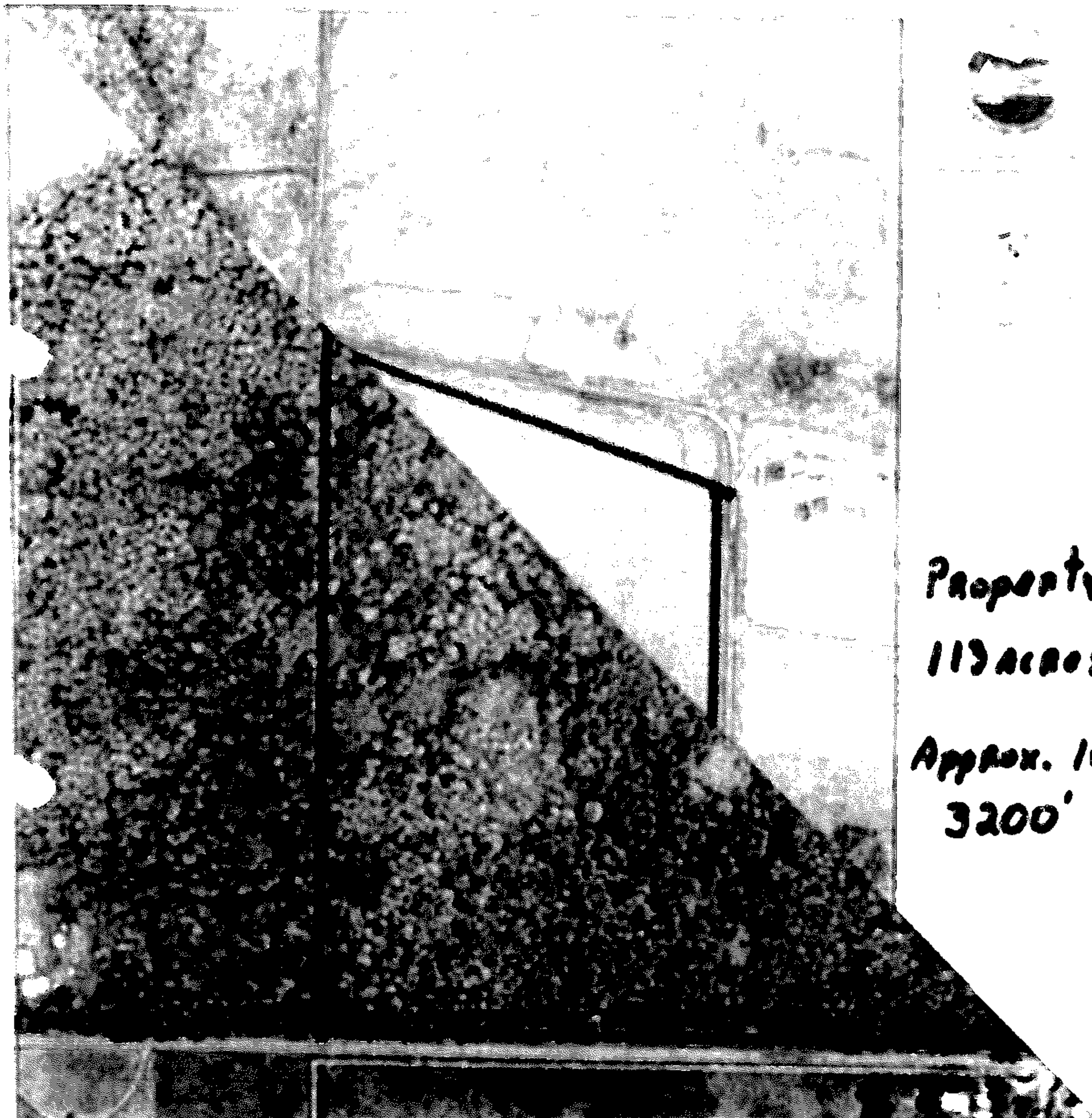
N

230

Feet

Property is
113 acres
Approx. 1600 :
3200'

Legend : Water, WWater and GWater



Property is
113 acres
Approx. 1600' x
3200'

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RECEIPT

Department of Ecology (4610)
PO Box 47611
Olympia, WA 98504-7611
(360) 407-7095

Receipt Number **09CJ014697**
Manual Receipt

Document Number **461P1362 CJ** Date **02/05/2009** FM **20**

Remitter Name **MORRISON, KELIE**
MORRISON, DAN

Receipt Name

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Method of Payment **Check**
Comment Description **WATER RIGHT 6785**

REF DOC NR	REF DOC SFX	INV NR	ID NR	SUB ID NR	T C	R	FUND	MAJ GRP	MAG SRC	SUB SRC	CNTY	WORK CLS	PIC	AI	ORG	PRJ	SUB PRJ	PRJ PHS	SUB OBJ	SUB SUB OBJ	VAR GL	SUB DR	SUB SID CR	ALLOC AMT
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